1653

RAW SEQUENCE LISTING DATE: 10/23/2000
PATENT APPLICATION: US/09/393,441 TIME: 14:20:48

Input Set : A:\420c1.app
Output Set: N:\CRF3\10232000\I393441.raw

ENTERED

<110> APPLICANT: Anderson, Christen M.
Davis, Robert E.
Clevenger, William
Wiley, Sandra Eileen
Willer, Scott W.
Szabo, Tomas R.
Ghosh, Soumitra S.
Moos, Walter H.
Pei, Yazhong
<120> TITLE OF INVENTION: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT), NOVEL ANT LIGANDS AND SCREENING ASSAYS THEREFOR
<130> FILE REFERENCE: 660088.420C1
<140> CURRENT APPLICATION NUMBER: US 09/393,441
<141> CURRENT FILING DATE: 1999-09-08
<160> NUMBER OF SEQ ID NOS: 37
<170> SOFTWARE: FastSEQ for Windows Version 3.0
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<211> LENGTH: 894
<212> TYPE: DNA
<213> ORGANISM: Homo sapien
<400> SEQUENCE: 1
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gccagcaaac agatcagtgc tgagaagcag tacaaaggga tcattgattg tgtggtgaga 180
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gcagtcgcag ggctgctgtc ctaccccttt gacactgttc gtcgtagaat gatgatgcag 720
tccggccgga aaggggccga tattatgtac acggggacag ttgactgctg gaggaagatt 780
gcaaaagacg aaggagccaa ggccttcttc aaaggtgcct ggtccaatgt gctgagaggc 840
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<211> LENGTH: 897
<212> TYPE: DNA
<213> ORGANISM: Homo sapien
<400> SEQUENCE: 2
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atctccaaga cggcggtagc gcccatcgag cgggtcaagc tgctgctgca ggtgcagcat 120
gccagcaagc agatcactgc agataagcaa tacaaaggca ttatagactg cgtggtccgt 180
attcccaagg agcaggaagt tctgtccttc tggcgcggta acctggccaa tgtcatcaga 240
tacttcccca cccaggctct taacttcgcc ttcaaagata aatacaagca gatcttcctg 300
ggtggtgtgg acaagagaac ccagttttgg cgctactttg cagggaatct ggcatcgggt 360

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ggtgccgcag gggccacatc cctgtgtttt gtgtaccctc ttgattttgc ccgtacccgt 420
ctagcagctg atgtgggtaa agctggagct gaaagggaat tccgaggcct cggtgactgc 480
ctggttaaga tctacaaatc tgatgggatt aagggcctgt accaaggctt taacgtgtct 540
gtgcagggta ttatcatcta ccgagccgcc tacttcggta tctatgacac tgcaaaggga 600
atgcttccgg atcccaagaa cactcacatc gtcatcagct ggatgatcgc acagactgtc 660
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cagtcagggc gcaaaggaac tgacatcatg tacacaggca cgcttgactg ctggcggaag 780
attgctcgtg atgaaggagg caaagctttt ttcaagggtg catggtccaa tgttctcaga 840
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<212> TYPE: DNA
<213> ORGANISM: Homo sapien
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gccagcaagc agatcgccgc cgacaagcag tacaagggca tcgtggactg cattgtccgc 180
atccccaagg agcagggcgt gctgtccttc tggaggggca accttgccaa cgtcattcgc 240
tacttcccca ctcaagccct caacttcgcc ttcaaggata agtacaagca gatcttcctg 300
gggggcgtgg acaagcacac gcagttctgg aggtactttg cgggcaacct ggcctccggc 360
ggtgcggccg gcgcgacctc cctctgcttc gtgtacccgc tggattttgc cagaacccgc 420
ctggcagcgg acgtgggaaa gtcaggcaca gagcgcgagt tccgaggcct gggagactgc 480
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gtgcagggca tcatcatcta ccgggcggcc tacttcggcg tgtacgatac ggccaagggc 600
atgctccccg accccaagaa cacgcacatc gtggtgagct ggatgatcgc gcagaccgtg 660
acggccgtgg ccggcgtggt gtcctacccc ttcgacacgg tgcggcggcg catgatgatg 720
cagtccgggc gcaaaggagc tgacatcatg tacacgggca ccgtcgactg ttggaggaag 780
atcttcagag atgaggggg caaggccttc ttcaagggtg cgtggtccaa cgtcctgcgg 840
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<210> SEQ ID NO: 4
<211> LENGTH: 43
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: PCR Primer
<400> SEQUENCE: 4
ttatatctcg agtatgggtg atcacgcttg gagcttccta aag 43

<210> SEQ ID NO: 5
<211> LENGTH: 43
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: PCR Primer
<400> SEQUENCE: 5
tatataggta ccttagacat atttttgat ctcatcatac aac 43

<210> SEQ ID NO: 6
<211> LENGTH: 43
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence

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<220> FEATURE:
<223> OTHER INFORMATION: PCR Primer
<400> SEQUENCE: 6
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<210> SEQ ID NO: 7
<211> LENGTH: 43
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: PCR Primer
<400> SEQUENCE: 7
tatataggta ccttatgtgt acttcttgat ttcatcatac aag 43
<210> SEQ ID NO: 8
<211> LENGTH: 43
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: PCR Primer
<400> SEQUENCE: 8
ttatatctcg agtatgacgg aacaggccat ctccttcgcc aaa 43
<210> SEQ ID NO: 9
<211> LENGTH: 44
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: PCR Primer
<400> SEQUENCE: 9
tatataggta ccttagagtc accttcttga gctcgtcgta cagg 44
<210> SEQ ID NO: 10
<211> LENGTH: 21
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Sequence primer
<400> SEQUENCE: 10
tatgccatag catttttatc c 21
<210> SEQ ID NO: 11
<211> LENGTH: 18
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
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<223> OTHER INFORMATION: Sequence primer
<400> SEQUENCE: 11
cgccaaaaca gccaagct 18
<210> SEQ ID NO: 12
<211> LENGTH: 45
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
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<223> OTHER INFORMATION: Mutagenic oligonucleotide primer
<400> SEQUENCE: 12
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<210> SEQ ID NO: 13
<211> LENGTH: 45
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Mutagenic oligonucleotide primer
<400> SEQUENCE: 13
gatctgtacg acgatgacga taagatgacg gaacaggcca tctcc 45
<210> SEQ ID NO: 14
<211> LENGTH: 35
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: PCR primer
<400> SEQUENCE: 14
cccggggaat tctgatgacg gaacaggcca tctcc 35
<210> SEQ ID NO: 15
<211> LENGTH: 34
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: PCR primer
<400> SEQUENCE: 15
cccgggctcg agttagagtc accttcttga gctc 34
<210> SEQ ID NO: 16
<211> LENGTH: 41
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: PCR primer
<400> SEQUENCE: 16
ttataggatc catgacggaa caggccatct ccttcgccaa a 41
<210> SEQ ID NO: 17
<211> LENGTH: 41
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: PCR primer
<400> SEQUENCE: 17
ttaaagaatt cttagatcac cttcttgagc tcgtcgtaca g 41
<210> SEQ ID NO: 18
<211> LENGTH: 18
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Sequencing primer

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<400> SEQUENCE: 18
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<210> SEQ ID NO: 19
<211> LENGTH: 18
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Sequencing primer
<400> SEQUENCE: 19
acttcaagga gaatttcc 18
<210> SEQ ID NO: 20
<211> LENGTH: 18
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Sequencing primer
<400> SEQUENCE: 20
acttcgcctt cacggata 18
<210> SEQ ID NO: 21
<211> LENGTH: 18
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Sequencing primer
<400> SEQUENCE: 21
tacggccaag ggcattct 18
<210> SEQ ID NO: 22
<211> LENGTH: 18
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Sequencing primer
<400> SEQUENCE: 22
tgaagcggaa gttcctat 18
<210> SEQ ID NO: 23
<211> LENGTH: 18
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Sequencing primer
<400> SEQUENCE: 23
atgccggttc ccgtacga 18
<210> SEQ ID NO: 24
<211> LENGTH: 31
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Mutagenic oligonucleotide primer
<400> SEQUENCE: 24

VERIFICATION SUMMARY DATE: 10/23/2000
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